

CHAPTER-11

ROOF WORK

समस्त मदों में जी.एस.टी. एवं 1 प्रतिशत लेबर सेस को छोड़कर अन्य सभी कर जैसे उपकर, लेवी फी. टोल व रायवटी आदि व ठेकेदार का लाभांश व ओवर हैड आदि दरों में सम्मिलित है।

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate, Meerut/ Baghpat
1	2	3	4	5	6
11.01	535	Laying reinforced brick slab with and including supply of M-150 class Bricks laid in cement mortar consisting of 1 part cement and 3 part approved coarse sand excluding supply of reinforcement and its bending but excluding its fixing in position and binding the same with 24 B.W.G.I. binding wire and including centering and shuttering and necessary curing and supply of all materials, labour, Tools & plants and also including cost of binding wire. etc.	11.6	Per cum	5280.00
11.02	536	Supply and fixing Galvanized corrugated iron roofing 24 B.W.G. in position including supply of all materials, labour, Tools & plants etc. required for proper completion of the work and including wastage.	11.5.1	Per M ²	860.00
11.03	537	Supply and fixing 22 B.W.G. Ridges, valley and gutters for iron roofing fixed with J or U bolts 10mm (3/8") dia with G.I. Limpet and bitumen washers complete including supply of all materials, labour, tools & plants etc. required for proper completion of the work and including wastage.	11.6.1	Per M ²	500.00
11.04	538	Supplying and laying complete 4cm (1 1/2") thick insulation layer of sand and clay over jack arch, reinforced brick or reinforced cement concrete roof.	11.9	Per M ²	30.00
11.05	539	Making contraction joints in terraced roof lip type, including supply of necessary quality of filler, brick lime, all materials, labour, Tools & plants etc. required for proper completion of the work.	11.1		-
11.06	540	As in item (539) above but parapet type.	11.11		-
11.07	541	As in item (536) above but with 6mm thick gray corrugated asbestos sheet.	11.5.2		-
11.08	542	As in item (537) above but with ridges, valleys and gutters of asbestos sheets.	11.6.2	Per RM	-
11.09	543	Screeding over leaky roofs with bitumen paint at 0.5 Kg per sq. metre including sweeping, cleaning the roof with brushes, heating of the paint upto the required temperature, pouring it on the surface, spreading of necessary quantity of approved coarse sand at 1cft per 100 sft and including supply of all materials, labour Tools & plants etc. required for proper completion of the work.	11.12	Per Sqm	40.00
11.10	544	Supplying and laying one layer of Tar felt I.S.I. marked at the junction of wall and roof or any place as per direction of the Engineer incharge including necessary overlap giving a coat of approved mastic paint below the Tar felt and including supply of all materials labour, Tools & plants etc. required for proper completion of the work.	11.13	Per Sqm	240.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut Baghat
1	2	3	4	5	6
11.11	545	Supplying and laying one layer of Tar felt I.S.I. marked over roof as per direction of the Engineer-in-charge including necessary overlap giving a coat of approved mastic paint on the bottom and top of Tar felt, spreading of necessary quantity of approved coarse sand or small size Bajri and including supply of all materials, labour, Tools, & plants etc. required for proper completion of the work.	10.32.2	Per Sqm	260.00
11.12	546	Making expansion joints with 24 gauge 6" wide aluminium sheet in wall with necessary cutting, shaping of bricks if any and covering joint by means of 3/8" thick plywood 5" wide and match painted as per direction of the Engineer incharge including supply of all materials, labour, Tools & Plants etc. Required for proper completion of the work.	10.14.1		
11.13	547	Making expansion joints with 24 gauge 5" wide aluminium sheet and 8" wide Tar felt fixed with Tar mastic in roof or floors, filling joints with approved bitumin 30/40 as per direction of the Engineer incharge including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.	10.14.2	R.M.	200.00
11.14	548	Same as in item No. 543 above but painting of roof @ 1.70 kg per Sqm. and without spreading of sand.		Per Sqm	150.00
11.15	New Item	Making expansion joints 24 gauge and 20 cm. wide aluminium sheet fixed with J bolts (40x5mm) in R.C.C. slabs or in R.C.C. cols brick masonry with screw, washers and asbestos ply fixed and grouted necessary cutting of cement concrete or brick work if any and including supply of all materials, labour, Tools & plants etc. completed as directed by Engineer-in-charge.		Per Sqm	
11.16	New Item	Providing and fixing plain Board 12 mm thick in expansion joint in the building including cost of materials, labour, Tools & plants etc. required for proper completion of work as directed by Engineer incharge.		Per Sqm	
	New Item	Providing and laying "brick coba" 12mm thick laid with M-150 class brick bat coba 7.50 cm thick with gap of 15mm to each other, over 20mm thick base of cement mortar 1:4 cement and coarse sand mixed with water proofing compound spreading cement slurry mixed with aerellic cement concrete water proofing compound filled gaps of coba & top of coba mortar mixed with water proofing compound in 1:4 cement and coarse sand mortar finished smooth & top mashed false square 30cm x cm and side wall parapet shall be monolithic plaster wall upto 30 cm higher and junction and corner shall be rounded by brick ballast cement and coarse sand masonry. Coba with top finished plaster mixed with acetic water proofing compound @ 2% by weight & including S/o all material, labour, T&P etc complete for proper completion of work.		Per Sqm	910.00

Note :- 10% extra rate will be given for minor repair in Govt. Building e.g. Inspection House / Circuit House / Pooled Houses & PWD Office Building etc.

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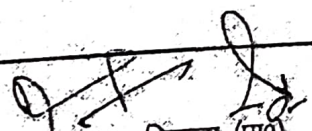
अधीक्षक अभियन्ता
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CHAPTER-13 PLASTER AND POINTING

समस्त मदों में जी.एस.टी. एवं 1 प्रतिशत सेवर सेस को छोड़कर अन्य सभी कर जैसे उपकर, लेवी फी, दोल व रावेल्डी आदि व ठेकेदार का लाभारा व ओवर हैड आदि दरों में सम्मिलित हैं।

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut Baghpat
1	2	3	4	5	6
13.01	574	Struck pointing with cement mortar consisting of 1 part cement and 2 parts of fine sand of 1.25 Fineness modulus.	31.2.1	Per Sqm	135.00
13.02	575	Same as in item 574 above but Flush pointing Deduct from item 574.	13.3.1	Per Sqm	16.00
13.03	576	Same as in item 574 above but in floors deduction from item 574 & 575.	3.3.33	Per Sqm	21.00
13.04	578	Struck cement pointing with 1:2 cement and fine sand of 1.25 F.M. mortar with colouring including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.	13.2.2	Per Sqm	140.00
13.05	582	12 mm thick plaster with cement and fine sand of 1.25 fineness modulus in 1:3 over brick work minimum thickness not to be less than 1cm. including supply of all materials, labour, tools & plants etc. required for proper completion of the work.		Per Sqm	160.00
13.06	582 (a)	As in item (582) above but with cement and approved coarse sand mortar in 1:3.		Per Sqm	170.00
13.07	584	As in item (582) above but with cement and fine sand of 1.25 fineness modulus mortar in 1:4.		Per Sqm	150.00
	584 (a)	As per item No. 584 but with 1:4 cement and Coarse sand		Per Sqm	155.00
13.09	586	As in item (582) above but with cement and fine sand of 1.25 fineness modulus mortar in 1:6.		Per Sqm	135.00
13.1	587	Add for extra labour to all item of plaster if done ceiling.		Per Sqm	16.00
13.14	596	Add for extra labour and materials for plaster over rough face of one brick wall.		Per Sqm	16.00
13.15	597	2 cm. thick cement plaster in dado or skirting in 1:2 consisting of one part of cement & two parts of approved coarse sand laid in panels finished with 3 mm floating coat of neat cement or cement mixed with marble dust in ratio 5:1 including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.	13.11	Per Sqm	220.00
13.15	597 (a)	Same as above item but 1.20cm. thick instead of 2 cm thick.		Per Sqm	195.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
13.16	598	Engraving lines in plaster of outer face wall vertically and horizontally to display the surface as stone facing as directed by the Engineer-in-charge including supply of all materials, labour, Tools & plants etc. required for proper completion of the work. (add for extra labour to all items of plaster).		Per Sqm	23.00
13.18	600	Marking drip course in sun shades or facie with 1:3 cement and fine sand mortar as per direction of Engineer-in-charge including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.		Per R.M.	21.00
13.19	New Item	20 mm thick rough cast exterior cement plaster on walls consisting 10 mm thick backing cast of 1:3 cement mortar (1 cement :3 coarse sand) and 10 mm thick finishing coat of 1:3 cement mortar (1 cement :3 coarse aggregate of size 6mm to 12 mm) including, arises, chamfers and/or rounded angles not exceeding 80 mm.		Per Sqm	240.00
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CHAPTER -14

FLOORING

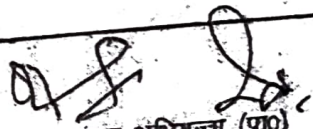
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Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
14.01	601	2.5 cm (1") thick 1:2:4 plain cement concrete floor with cement, approved coarse sand and 2 cm. (1") graded approved stone grit, laid in panels finished with 3 mm. (1/8") floating coat of neat cement of cement and marble dust in ratio 5:1 as specified over and including 8 cm (3") thick base concrete consisting of cement, fine sand of 1:25 fineness modulus and brick ballast 4 cm. (1 1/2") gauge in the proportion of 1:4:8 and removing any overlapping mortar at the joints of the panels if any and giving them a uniform finish; including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.	14.6.1	Per Sqm.	500.00
14.02	601	(A) As in item no. 601 above but without base concrete.	14.6.2	"	230.00
14.03	601	(B) As in item no. 601 above but base concrete consisting of brick ballast and fine sand & cement in prop. 12:6:1	14.6.3	"	450.00
14.04	602	As in item no. 601 above with base concrete consisting of brick ballast, white lime and surkhi in ratio of 100:16:32.	14.6.4	"	—
14.05	605	As in item (601) above but floor shall be 4 cm (1 1/2") thick instead of 2.5 (1") thick and without base concrete.	14.5	"	300.00
14.06	606	Add in item (601) to (603) and (605) when floors are polished including supply of extra cement, chapra batti, Carborandum stone, all other materials, labour, Tools & plants etc. required for proper completion of the work. Marble dust shall be added in the floating coat in ratio of 5:1 (cement and marble dust) if necessary but no extra amount will be paid for it. This includes final finish with french mansion polish or any other approved polish.	14.7.1	"	160.00
14.08	615	M-150 Brick on edge floor laid dry joints sand filled including preparation of base to proper slope and its ramming including supply of all materials labour and Tools and Plants etc. required for proper completion of the work.	14.2.2	Per Sqm.	475.00
14.09	619	As in item (615) above but bricks laid flat.	14.2.3	"	325.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/Baghpat
1	2	3	4	5	6
14.10	620	Granolithic marble flooring 2.5 cm. (1") thick consisting of 2 cm. (3/4") thick layer of 1 part cement, 2 parts of approved coarse sand and 4 parts of 2 cm. (3/4") graded approved stone chips including 5 mm (1/4") thick surface coat with ordinary cement, black and white or grey or mixed marble chips passing 3 mm. (1/8") but retained on 1.5 mm. (1/16") mesh screen in proportion of 1:2 as specified or directed by the Engineer-in-charge and polished by hand or machine and finally finished with French Mansion Polish or any other approved polish and including 8 cm (3") 1:6:12, concrete base, including supply of all materials, labour, Tools and Plants etc. required for proper completion of the work	14.8.1	"	890.00
14.11	621	As in item (620) above but when white cement is used in top 5 mm (1/4") layer.	14.8.2	"	1010.00
	622	As in item no. (620) above but when coloured floors are to be made.	14.8.3	"	860.00
14.18	625	Granolithic marble dado 2 cm. (1/4") thick consisting of 15 mm. (9/16") thick layer of one part cement, 2 parts of approved coarse sand including 5 mm. (3/16") thick surface coat with ordinary cement black or white or grey or mixed marble chips passing 3 mm. (1/8") but retained on 15 mm. (9/16") mesh screen in proportion of 1:2 as specified or directed by the Engineer-in-charge and polished by hand or by machine and finally finished with French Mansion Polish or any other approved polish including supply of all materials, labour, Tools and Plants etc. required for proper completion of the work.	14.9.1	"	600.00
14.19	625 (a)	Same as item no. 625 above but 12 mm. thick dado.	14.9.2	"	465.00
14.20	626	As in item (625) above but when white cement is used in top 5 mm. (3/16") thick layer instead of ordinary cement.	14.9.3	"	650.00
14.21	627	As in item (625) above but when coloured dados are to be made.	14.9.4	"	650.00
14.22	628	Supply and fixing 6 mm. (1/4") China white glazed tiles in flooring or in skirting or dado laid with 1:3 Cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete, including supply of all materials, labour and Tools and Plants.	14.10.1	Per Sqm.	900.00
14.23	631	Providing and fixing glass strips of 4.00 mm (1/8") thickness in joints of floor and skirting at the time of laying labour, tools and plants etc. complete			
		(a) of 2.2 cm. depth		Per R.M	15.00
		(b) of 3.5 cm. depth		"	18.00
		(c) of 2.2 cm. depth and of 5 mm thickness		"	18.00
		(d) of 3.5 cm. depth and of 5 mm thickness		"	20.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
14.25	632	Extra for making chequers of approved patterns on cement concrete, floor, steps landing etc.	14.13	Per Sqm.	15.00
14.26	New Item 1	Supply and fixing of Kota stone in flooring 20-mm thick and joint filled with 1:2 cement and coarse sand with approved colouring materials to be given an even shade with 12 mm base coat (bedding) of 1:2 cement & coarse sand mortar and polished by hand or machine and finally finished with french manson polish or other approved polish including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.		"	900.00
	New Item 2	As in item no. New item (1) above but 25 mm thick.		"	930.00
	New Item 3	Supply and fixing 10 to 12 mm thick Kota stone tiles in skirting or dado laid with 1:2 cement and approved coarse sand mortar finished with in its cement colour slurry, jointing and polished of approved quality complete, including supply of all materials, labour, tools and plants etc. required for proper completion of the work.		"	880.00
	New Item 4	Supply and fixing 6 to 8 mm thick ivory or light shades vitrefied tiles 600x600 mm size in flooring and skirting with 1:3 approved cement and coarse sand mortar finished with in its cement colour slurry, jointing and polished of approved quality complete, including supply of all materials, labour, tools and plants etc. required for proper completion of the work. as per direction of Engineer - in-charge		"	1400.00

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CHAPTER -15 PAINTING AND DISTEMPERING

समस्त मदों में जी.एस.टी. एवं 1 प्रतिशत लेबर सेस को छोड़कर अन्य सभी कर जैसे उपकर, लेवी फी, टोल व रायवैली आदि व ठेकेदार का लाभांश व ओवर हैड आदि दरों में सम्मिलित है।

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
15.01	641	Painting or varnishing work in small areas or new wood work with one coat (upto one square metre of ready mixed priming paint and one coat of approved superior quality ready mixed paint or varnish including supply of all materials, labour, Tools & plants etc. required for proper completion of the work. Paint to be used ISI marked.	15.1.1	Per Sqm	72.00
15.02	642	As in item (641) above but for every coat after first coat.	15.1.2	"	32.00
15.03	643	As in item (642) above but for every coat on previously painted old wood or iron work including its sand papering, rubbing and cleaning as required for proper completion of work.	15.1.3	"	42.00
15.04	644	Painting roofs or other iron work in large areas with one coat priming and one coat of approved (above one Sq. Metre) paint (British antesol or equivalent) including supply of all materials, labour, Tools & plants etc. required for proper completion of the work. Paint to be used ISI Marked.		"	67.00
15.05	645	As in item (644) above but for every coat after the first coat.		"	22.00
15.06	646	As in item (645) above but for every coat over previously painted surface		"	27.00
15.07	647	Painting or varnishing with valspen or other approved high grade enamel or super par synthetic clean varnish complete one coat over previously painted surface including supply of all materials, labour, Tools & plants etc. required for proper completion of the work. Paint to be used ISI Marked.		"	42.00
15.08	648	As in item (647) above but for every subsequent coat on previously treated surface.		"	27.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
15.09	649	Distemping (first coat) with oil bound distemper of approved brand and manufacture and of required shade on undecorated wall surface to give an even shade over and including a priming coat with cement primer of approved brand and manufacture such as Berger, J&N, Shalimar, Asian Paint after thoroughly brushing the surface free from mortar dropping and other foreign matters and also including the surface even with plaster of Paris or approved synthetic materials and sand papered smooth including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.		"	52.00
15.10	650	As in item (649) above but for every coat after the first coat.		Per Sqm	26.00
15.11	651	As in item (649) above but for every coat after the previous coat or subsequent coat.		"	29.00
15.12	652	One coat hot coaltar on new surface including supply of all materials, labour, Tools & plant etc. required for proper completion of the work.		"	14.00
15.13	653	As in item (652) above but for every coat after the first coat or on previously treated surface.	15.5.2	"	12.00
15.14	654	One coat surface or other approved preservative on new wood work, including supply of all materials, labour, Tools & plant etc. required for proper completion of the work.		"	29.00
15.15	655	As in item (654) above but for every coat or on previously treated surface.		"	15.00
15.16	656	Oiling wood work with double boiled linseed oil including supply of all materials labour, Tools & plant etc. required for proper completion of the work.		"	17.00
15.17	657	Removing paint or varnishing with paint remover or with caustic Soda, including supply of all materials, labour, Tools & plant etc. required for proper completion of the work.		"	19.00
15.18	658	Polishing with French Polish or wax polish (in proportion 2 bees wax : 1.5 linseed oil : 1 turpentine oil : 0.5 varnish by weight) on new wood and wood based surface to give an even surface including cleaning the surface of all dirt, dust and sand prepared smooth and a coat of wood filler including supply of all materials, labour, Tools & plant etc. required for proper completion of the work.		"	57.00
15.19	659	As in item No. (658) above but on previously polished wood or wood based surface.		"	37.00

Sl. No.	Schedule Item No.	Description of the work.	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
15.20	660	Finishing wall with water proof cement paint of approved make and quality on new work with two coat to give an even shade including supply of all materials, labour, Tools & plant etc. required for proper completion of the work.	15.11.1	"	56.00
15.21	661	Same in item no. (660) but for each coat of water proof cement paint after the first two coat to give an even shade.	15.11.2	"	27.00
15.22	662	Finishing wall with one coat of water proof cement paint of approved quality on previously old treated surface with this paint to give an even shade including supply of all materials, labour, Tools & plant etc. required for proper completion of the work.	15.11.3	Per Sqm	37.00
	New Item	Same as item 660 but for weather coat.		"	98.00
	New Item	Same as item but over previously painted surface weather coat.		"	48.00
	New Item	Providing cement primer on old/new surfaces.		"	26.00
	New Item	Providing wall putty on New surface with approved quality material of Berger/J.K./Birla or similar make 2 coats.		"	67.00
	New Item	Providing wall putty on old surface with approved quality material of Berger/J.K./Birla or similar make 2 coats.		"	54.00

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अक्स अभियन्ता (प्रो)
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मेरठ यू.न. वि. मेरठ

CHAPTER-16 WHITE AND COLOUR WASHING

समस्त मदों में जी.एस.टी. एवं 1 प्रतिशत लेबर सेस को छोड़कर अन्य सभी कर जैसे उपकर, लेवी फी, टोल व रायल्टी आदि व ठेकेदार का लाभांश व ओवर हैड आदि दरों में सम्मिलित है।

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut Baghat
1	2	3	4	5	6
16.01	671	White washing one coat including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.	16.1.1	Per Sqm	9.00
16.02	672	As in item 671 above but Two coats.	16.1.2	Per Sqm	13.00
16.03	673	As in item 671 above but Three coats.	16.1.3	Per Sqm	16.00
16.04	674	Colour washing one coat using approved. Colouring material buff, blue, gray or brown shade including supply of all materials, labour, Tools & plant etc. required for proper completion of the work.	16.2.1	Per Sqm	11.00
16.05	675	As in item 674 above but two coats.	16.2.2	Per Sqm	19.00
16.06	676	As in item (674) but using approved colouring material of pink, green or yellow shade.		Per Sqm	15.00
16.07	677	As in item 676 above but two coats.		Per Sqm	17.00
16.08	678	As in item (674) above but colour washing with copper or iron sulphate one coat.		Per Sqm	14.00
16.09	679	As in item 678 above but Two coat.	16.2.3	Per Sqm	19.00
16.10	680	Cement washing including supply of all materials, labour, Tools & plant etc. required for proper completion of the work.		Per Sqm	16.00
16.11	681	One priming coat and one coat of dry distemper on new work including supply of all materials, labour, Tools & plant etc. required for proper completion of work.	16.4.1	Per Sqm	36.00
16.12	682	As in item (681) but for each coat of distemper after the first coat	16.4.2	Per Sqm	26.00

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अवर अभियन्ता (प्रभु)
मेरठ वृत्त, लो.नि.वि., मेरठ

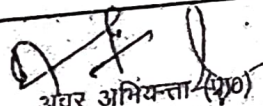
अधीक्षक अभियन्ता
मेरठ वृत्त, लो.नि.वि., मेरठ

CHAPTER-17 DEMOLITION AND DISMANTLING

समस्त मदों में जी.एस.टी. एवं 1 प्रतिशत लेबर चार्ज को छोड़कर अन्य सभी कर जैसे स्वच्छ, लेवी फी, टोल व एक्साइज आदि व डेकेदार का लाभारा व ओवर हैड आदि दरों में सम्मिलित हैं।

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
12.01	691	Dismantling sundries brick work including stacking of dismantled materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.3	Per Cum	57.00
12.02	692	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.2.2	Per Cum	316.00
12.03	693	As in item (692) above but in mud mortar.	17.2.1	Per Cum	158.00
12.04	694	Dismantling reinforced cement concrete or reinforced brick work including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.3	Per Cum	575.00
12.05	695	Dismantling Jack arched or wooden beam and barga roofs including beam, roof concrete and including stacking of dismantled materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.4.1	Per Sqm	96.00
12.06	696	As in item (695) above but only roof concrete.	17.4.2	Per Cum	240.00
12.07	697	Dismantling cement concrete or brick or granolithic floors including base concrete and including stacking of dismantled materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.5.1	Per Sqm	38.00
12.08	698	As in item (697) above but floor to be stone flagged or tiled floor.	17.5.2	Per Sqm	48.00
12.09	701	Dismantling corrugated iron roofs, walls or partitions, including purlins, battens and vertical supports and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.7	Per Sqm	33.00
12.10	702	Dismantling of girders, trusses and other steel work including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.8	Per Qlts	960.00
12.11	703	Dismantling doors or windows including chauhats with hold fast and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.9.3	Per Sqm	48.00
12.12	704	Dismantling doors or windows leaves including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.9.1	Per Sqm	24.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
12.13	705	Dismantling doors or windows including chaukhats but excluding hold fast and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.9.2	Per Sqm	48.00
12.14	706	Dismantling existing plaster including disposal of refuse as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.10	Per Sqm	24.00
12.15	707	Raking out joint of brick work in cement or lime mortar to a depth 1 cm. (3/8") including disposal of refuse as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.11	Per Sqm	19.00
12.16	708	Scraping old white or colour wash including disposal of refuse as directed by the Engineer-in-charge within a distance of 60 metre (200 feet).	17.12	Per Sqm	9.00


 अवर अभियन्ता (पू.)
 मेरठ वृत्त, लो.नि.वि., मेरठ

अधीक्षक अभियन्ता
 मेरठ वृत्त, लो.नि.वि., मेरठ

CHAPTER-19 MISCELLANEOUS

समस्त मदों में जी.एस.टी. एवं 1 प्रतिशत लेबर सेस को छोड़कर अन्य सभी कर जैसे उपकर, लेवी फी, टोल व रायवट्टी आदि व टैकेदार का लाभांश व ओवर हेड आदि दरों में सम्मिलित है।

Sl. No.	S.I.No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghat
1	2	3	4	5	6
19.01	730	Supply and fixing of 10cm. (4") internal dia A.C. down pipes Everest or charminar make complete with bends with door at top and plain at bottom and gratings and including supply of necessary M.S. clamp 2.5cm x 3 mm. (1" x 1/8") fixed to walls with cement molar (1:2) and including supply of 15 cm (6") long 6mm. (1/4") dia nail all materials, labour and T & P. etc. required for proper completion of the work and also including repair of plaster pointing etc. if damaged during fixing of the pipes.	21.5	Per Rm	190.00
	730 (a)	As per item No. 730 above but for 10.0 cm. PVC down pipe. (kissan/suprime make)		Per Rm	370.00
	730 (b)	As per item No. 730 above but for 7.5 cm. PVC down pipe. (kissan/suprime make)		Per Rm	250.00
	730 (c)	As per item No. 730 above but for 5.00 cm. PVC down pipe. (kissan/suprime make)		Per Rm	210.00
19.02	New Item	Providing and injecting chemical for preconstruction anttermite treatment and crealing and chemical barrier under and around the column pits wall trenches basement excavation top surface in plinth filling junction of wall and floor, along the external per meter of binding expansion joints surrounding or pipes and conduit etc. complete (plinth area of the building at ground floor only shall be measured as per I.S. 6313 (part II 1981) Aldrine emulsifiable concentrate or any other approved material such as heptachlor of chlordane will be used. The rate of application of chemical emulsion shall be as follows:- 1. Treatment for masonry and foundation 5 liters per sqm. 2. Back fill in immediate contact with foundation 7.5 liters per sqm. 3. Treatment of surface of plinth filling 5 liters per sqm. 4. Treatment of soil along external parameter of Building 7.5 liters per sqm 5. Treatment of soil under external parameter 5 liters per sqm.		Per Sqm	200.00
19.03	New Item	Providing & injecting chemical for post Construction anti termite treatment with drilling holes at junction of floor with walls & pillars, the application of chemicals shall be as per relevant I.S. code and the rate of application of chemical shall also be as provided in the I.S. code, including quarterly inspection and providing required treatment for one year. As direction by the Engineer-in-charge.		Per Sqm	160.00

अवर अभियन्ता (ग्राउंड)
मेरठ यू.ए. लो.नि.वि., मेरठ

अधीक्षण अभियन्ता
मेरठ यू.ए. लो.नि.वि., मेरठ

CHAPTER -20 ROAD WORK

समस्त मदों में जी.एस.टी. एवं 1 प्रतिशत लेबर सेस को छोड़कर अन्य सभी कर जैसे उपकर, लेवी फी, टोल व सर्वेन्टी आदि व देकेदार का लाभांश व ओवर हैड आदि दरों में सम्मिलित है।

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
10.01	751	Consolidation of Kankar by hand rammer including opening out stacks sorting kankar into three sizes; repairing patches in existing road surface with kankar making medhi to retain water and ramming and also including carriage of metal upto 30 meters (100 ft.) carriage of water 200 metre supply and maintenance of barriers and all tools and plants required for proper completion of work, kankar to be supplied to the contractor free at site.	20.2.1	—	—
10.02	752	As in item No. 751 above but for consolidation by road roller including hire and fuel charges etc. of the roller.	20.2.1	—	—
10.03	753	(A) As in item No. 752 above but for 12 cm. (loose) thick coat of brick ballast.	20.3.1	Per Cum	—
		(B) As in item No. 753 (a) above but excluding roller charges.	"	"	—
		(C) As in item No. 753(a) above but excluding roller charges etc. and also excluding all T&P and sundries etc. (Labour only) for departmental works.	"	"	—
10.04	754	(A) As in item No. 753(a) above but 10 cm. (loose) thick coat of brick ballast.	20.3.2	"	—
		(B) As in item No. 754 (a) above but excluding roller charges.	"	"	—
		(C) As in item No. 753(c) above but 8 cm. (loose) thick coat of brick ballast for departmental works (Labour only).	"	"	—
10.05	755	(A) As in item No. 752 above but 12 cm. (loose) thick coat of stone ballast.	20.4.1	Per Cum	176.00
		(B) As in item No. 755 (a) above but excluding roller charges.	"	Per Cum	115.00
10.05		(D) As in item No. 755 (a) above but upto 10 cm. (loose) thick coat.	"	Per Cum	175.00
		(E) As item No. 755 (b) above but upto 10cm. (loose) thick coat but excluding roller charges.	"	Per Cum	115.00
10.06	756	(A) As in item No. 752 above but for 6 cm. (loose) to 8 cm. (loose) coat of stone ballast.	20.4.2	Per Cum	—
		(B) As item No. 756 (a) above but excluding roller charges.	"	Per Cum	—
		(C) As in item No. 756(a) above but excluding roller charges etc. and also excluding all T&P and sundries etc. (Labour only) for departmental works.	"	Per Cum	—
10.07	757 A	Water allowance to be allowed on item No. 751 to 756 including carriage & cost of water where water is not available at site.	20.5	Per Cum	24.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/Baghpat
1	2	3	4	5	6
	757 B	As in item No. 757 (a) above but excluding roller charges etc. and also excluding all T&P and sundries etc. (Labour only) for departmental works.	"	Per Cum	—
10.08	760	Dag belling 15cm (6") deep in one line aligned with flags and jhandies as directed by Engineer-in-charge.	20.10	Per Km.	820.00
10.09	761 A	Painting white/coloured traffic lines 8-15 cm. wide in three coats with approved road making paint (spirit base) as directed by the Engineer-in-charge, including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.	20.1.1	Per R.M.	50.00
	761 B	(B) As in item No. 761(a) above but excluding cost of paint, all T&P and sundries etc. (labour rate only) for departmental works.	20.1.1	"	—
	761 C	Painting on divider 1 priming and two coats of enamel paint including supply of all materials, labour, Tools & plants etc. required for proper completion of the work.		Per Sqm	100.00
	761 D	As per item above but every coat after 1st coat and on old surface		Per Sqm	40.00
10.10	762 A	Brick soling with straight over burnt bricks laid flat and dry with brick edging on both sides including preparation of subgrade to prescribed camber and including supply of bricks, filling joints with local earth of P.I. 5 to 7, spreading blinding coat 1 cm (3/8") depth of local earth over the entire surface and including supply of all materials, labour Tools & Plants etc. required for proper completion of the work.		Per Sqm	270.00
	762 B	As in item No. 762(a) above but with bricks laid on edge.	20.12.1	"	335.00
10.11	763	M-150 Brick on edge pavement on parties with bricks, laid dry joints filled with local sand including preparation of base to proper slope, and its ramming, spreading layer of 1 cm. (3/8") depth of local sand over the subgrade and including supply of all materials, labour Tools & plants etc. required for proper completion of the work.	20.16.1	Per Sqm	450.00
10.12	764 A	Renewing paties 1.5 meters wide including dressing surface filling upto 8cm (3") depth and making namunas, at every 15 metre apart on either side of the road true to patri template with side slopes of 1:2 etc. trenches for taking the earth to be so dug that they form a continuous side drain at road boundary.	20.14	Per Km.	16600.00
10.13	765	Brick lining on both side of the road of M-150 bricks 7 cm. wide, 11 cm. deep, laid with mud mortar including labour & supply of bricks finished to the required template and in proper alignment and also including dressing and ramming the excavated earth as directed by the Engineer-in-charge.	20.15	"	58700.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
10.14	766	Stacking of road metal to the required template after screening at road side including dressing of side berms as required where metal is to be stacked and including a lead upto 60 meters (200 ft.)	20.17	Per Cum	—
10.15	767	Bitumen painting (labour only) over W.B. M surface (1st coat) excluding supply of paint and grit, including maintenance of sides parties and watering them during operation for proper completion of the work as directed by the Engineer-in-charge and excluding roller charges and its fuel but including wages of fireman Tar boiler man above and also including shifting of materials and all sundries etc.	20.16.1	Per Sqm	—
10.16	768	As in item No. 767 above but subsequent coat of painting over previously painted surface.	20.16.1	Per Sqm	—
10.17	772	Scraping old painted surface including disposal of all scraped material to a distance of 30 meters (100 ft.) as directed by Engineer-in-charge. For small area for big area as per MORTH or MORD	20.25	"	7.00
10.18	775	Blinding of W.B.M. or Kankar Kilometer with local earth by spreading evenly to an average depth of 15mm and filling up the interslices of the road metal.	"	Per Km. (Single Lane)	—
	775 A	As in item No. 775 above but excluding T&P and sundries etc. for departmental works.		"	—
	776	Earth work on edges of painted surface or C.C. Km. in a width of 1/2 meters on either side of road for proper completion of work.		Per Km. Both Side	—
	776 A	As in item No. 775 above but excluding T&P and sundries etc. for departmental works.		"	—
10.21	781	Cleaning the existing painted /primed surface and laying premix 2cm. (3/4") thick over a tack coat with graded approved grit and bitumin (labour only) including heating the paint and grit to the required temperature and mixing either in mixer/ hand drum or by manual including cartage of materials, maintenance of side parties and watering them during operation for proper completion of the work as directed by the Engineer-in-charge. including labour charges for tack coat.	20.36.1	Per Sqm	50.00
	781 A	As in item No. 781 above excluding T&P and sundries etc. for departmental works.	20.36.1	Per Sqm	35.00
10.22	782	As in item No. 781 above but in Patches.	20.24.1	"	55.00
	782 A	As in item No. 781(a) but in Patches.	"	"	40.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut Baghpat
1	2	3	4	5	6
10.23	783	Cleaning the premix surface and laying seal coat with approved 6mm (1/4") graded grit and bitumin (labour only) including heating the paint to the required temperature and mixing either in mixer, hand drum including cartage of materials, maintenance of side parties and watering them during operation for proper completion of the work as directed by the Engineer-in-charge including all T&P and sundries to be arranged by the contractor but excluding roller charges and fuel wood.	--	--	10.00
	783 A	As in item No. 783 above but in Patches.		--	13.00
10.24	784	Providing and applying primer coat over prepared surface of granular base with slow setting bitumen emulsion with spray set including cleaning of W.B.M. surface spraying primer @ 0.6 kg/sqm (excluding emulsion) all labour T & P etc. as per MORT&H Specification. (labour rate only) in patches.		--	2.00
10.25	785	Brick soling with straight over burnt bricks laid flat and dry (labour only) including preparation of subgrade to prescribed camber, filling joints with local earth spreading a blinding coat 1 cm (3/8") depth of local earth over the entire surface and including labour T&P etc. required for proper completion of the work.	20.12.2	Per Sqm	65.00
10.26	786	As in item No. 785 above but with bricks laid on edge.	20.12.2	--	75.00
10.27	New Item	Laying of Hume pipe in position (labour only) including labour and T&P etc. required for proper completion of the work			—
		NP-3 Type			
		(i) 350 mm dia		Per RM	160.00
		(ii) 600 mm dia		--	180.00
		(iii) 800 mm dia		--	280.00
		(iv) 900 mm dia		--	360.00
		(v) 1000 mm dia		--	470.00
	New Item	Fixing of joints in hume pipe with joint and cement etc. including cost of all material labour and T&P etc. required for proper completion of the work, (i) 350 to 600 mm dia (ii) 800 to 1000 mm dia		Each Each	500- 700-
10.29	3	(a) Laying and Consolidation of stone ballast in soling by hand rammer for Patches. (Labour rate only) including filling of pot holes including cartage of water within 200M distance and blinding etc. Complete.		Per Cum	180.00
		(b) Laying and Consolidation of Brick ballast/ bats in soling by hand rammer for Patches. (Labour rate only) including filling of pot holes including cartage of water within 200M distance and blinding etc. Complete.		Per Cum	100.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/Baghpat
1	2	3	4	5	6
	New Item 1	Barricading with approved wooden ballies vertical 10cm. Dia and 2m long fixed in ground 45 cm Deep and 2m apart including 2 rows of horizontal ballies not less than 8cm Dia 45 cm apart centre to centre tied by narial rope including cartage of all material and also including hire charges of ballies complete as direction of Engineer in charge. For two days		RM	65.00
	New Item 1A	As item above but for more than 02 days.		"	55.00
	New Item 2	As per item above but with three rows of horizontal ballies.		"	75.00
	New Item 3	Dismantling of old brick laid on edge khararja including stacking of old bricks.		Per Sqm	18.00
	New Item 4	As per item above but bricks laid flat / C.C. Interlocking tiles		"	13.00
	New Item 8	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per Clause 1501.2.2 (1:2:4) coarse and fine aggregates conforming to IS 383 maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weight batches using approved mix design, laid in approved fixed side form work (steel channel, laying and faling of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints as per norms, applying debonding strips primer, sealant, dowel bars, near approaches to bridge/culvert and construction, joints, admixtures as approved, curing of concrete slabs for 14-days, curing compound (Where specified) and water finishing to lines and grade as per drawing and Technical Specification Clause 1501 including Cost of Polythene Sheet and Dowel bar and also including complete shifting of materials & Concrete etc (M-15)		Per Cum	5850.00
	New Item 8(1)	Same as above but when thickness of CC is less than 20 cm. (without dowel Bar)		"	5850.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D, Speci- fication No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
	New Item 9	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per Clause 1501.2.2 (1:1½:3) coarse and fine aggregates conforming to IS 383 maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weight batcher using approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints as per norms, applying debonding strips primer, sealant, dowel bars, near approaches to bridge/ culvert and construction, joints, admixtures as approved, curing of concrete slabs for 14 days, curing compound (Where specified) and water finishing to lines and grade as per drawing and Technical Specification Clause 1501 including Cost of Polythene Sheet and Dowel bar and also including complete shifting of materials & Concrete etc.(M-20)		"	6500.00
	New Item 9(1)	Same as above but when thickness of CC is less than 20 cm. (without dowel Bar)		"	6300.00
	New Item 10	Supply of 60mm thick ISI marked confirming to IS: 15658-2006 I shaped mechanically compressed interlocking cement concrete paver blocks, smooth high gloss finish, skid resistant, manufactured from rubber moulds through vibro-compression mechanism, high pressure and control vibration machine having plan dimension 200 x (160+120mm) with minimum 5mm thick topping of O.P. cement mixed with 25% marble powder. The Compressive strength of concrete paver block shall not be less than 35 MPa and 4.00 kg per nos including cost of all material labour T & P. (i.) Grey (ii) Color		Per Nos Per Nos	12.50 14.30

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghpat
1	2	3	4	5	6
	New Item 11	Supply of 80mm thick ISI marked confirming to IS: 15658-2006 I shaped mechanically compressed interlocking cement concrete paver blocks; smooth high gloss finish, skid resistant; manufactured from rubber moulds through vibro-compression mechanism, high pressure and control vibration machine having plan dimension 200 x (160+120mm) with minimum 5mm thick topping of O.P. cement mixed with 25% marble powder. The Compressive strength of concrete paver block shall not be less than 40 MPa and weight 4.50 kg per No. confirming to IS: 15658-2006 including cost of material, labour, T & P. (i.) Grey (ii) Color		Per Nos Per Nos	15.50 17.30
	New Item 12	Supply of 100mm thick ISI marked confirming to IS: 15658-2006 I shaped mechanically compressed interlocking cement concrete paver blocks, smooth high gloss finish, skid resistant; manufactured from rubber moulds through vibro-compression mechanism, high pressure and control vibration machine having plan dimension 200 x (160+120mm) with minimum 5mm thick topping of O.P. cement mixed with 25% marble powder. The Compressive strength of concrete paver block shall not be less than 50 MPa and weight 5kg per No. confirming to IS: 15658-2006 including cost of material, labour, T & P. (i.) Grey (ii) Color		Per Nos Per Nos	19.50 21.00
	New Item 13	Supply and laying of 60mm thick Precast cement concrete I-Shape Interlocking paver blocks ISI mark confirming to IS: 15658-2006 with top layer of minimum 5 mm thickness having plan dimension 200x(160+120mm) of O.P. Cement, smooth high gloss finish, skid resistant; manufactured from rubber moulds through vibro-compression mechanism. The compressive strength of concrete paver block shall not be less than 35Mpa and weight 4kg per including cost of material, with a blanket layer of 4.00cm. thick fine sand, including labour, T & P etc required for proper completion of the work as directed by Engineer-in-charge.		Per Sqm	570.00

Sl. No.	Schedule Item No.	Description of the work	P.W.D. Specification No.	Unit	Rate Meerut/ Baghat
1	2	3	4	5	6
	New Item 14	Supply & laying of 80mm thick Precast cement concrete I-Shape Interlocking paver blocks ISI mark confirming to IS: 15658-2006 with top layer of minimum 5 mm thickness having plan dimension 200x(160+120mm) of O.P. Cement, smooth high gloss finish, skid resistant; manufactured from rubber moulds through vibro-compression mechanism. The compressive strength of concrete paver block shall not be less than 40Mpa and weight 4.5kg per including cost of material, with a blanket layer of 4.00cm thick fine sand including labour, T & P etc required for proper completion of the work as directed by Engineer-in-charge.		Per Sqm	760.00
	New Item 15	Supply & laying of 100mm thick Precast cement concrete I-Shape Interlocking paver blocks ISI mark confirming to IS: 15658-2006 with top layer of minimum 5 mm thickness having plan dimension 200x(160+120mm) of O.P. Cement, smooth high gloss finish, skid resistant; manufactured from rubber moulds through vibro-compression mechanism. The compressive strength of concrete paver block shall not be less than 50Mpa and weight 5 kg per including cost of material, with a blanket layer of 4.00cm thick fine sand including labour, T & P etc required for proper completion of the work as directed by Engineer-in-charge.		Per Sqm	940.00
	New Item 16	Providing & supply gunny bags including cost of sand and stitching of bags and laying in position.		Each	18.00
	New Item 17	Laying of interlocking tiles (labour only)		sqm	85.00

अकर अभियन्ता (प्रो)
मेरठ वृत्त, लो.नि.वि., मेरठ

अधीक्षक अभियन्ता
मेरठ वृत्त, लो.नि.वि., मेरठ